

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/030755 A1

(51) International Patent Classification⁷: **C07D 401/14**,
409/04, 417/14, 413/14, A61K 31/404, A61P 25/00

(74) Agent: **GOLDBACH, Klara**; Grünecker, Kinkeldey,
Stockmair & Schwanhäusser, Maximilianstrasse 58,
80538 München (DE).

(21) International Application Number:
PCT/EP2004/010940

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date:
30 September 2004 (30.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/675,300 30 September 2003 (30.09.2003) US

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **ABBOTT
GMBH & CO. KG** [DE/DE]; Max-Planck-Ring 2, 65205
Wiesbaden (DE).

(72) Inventors; and

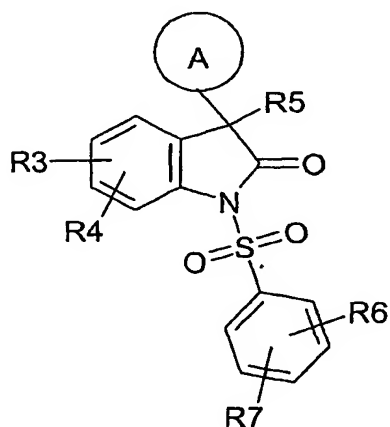
(75) Inventors/Applicants (*for US only*): **LUBISCH, Wil-
fried** [DE/DE]; Hauserstrasse 15, 69115 Heidelberg (DE).
HORNBERGER, Wilfried [DE/DE]; Goldener Winkel
14, 67434 Neustadt (DE). **OOST, Thorsten, K.** [US/US];
Gaisbergstrasse 21, 69115 Heidelberg (DE). **SAUER,
Daryl, Richard** [US/US]; 23619 112th Street, Trevor,
WI 53179 (US). **UNGER, Liliane** [DE/DE]; Wollstrasse
129, 67065 Ludwigshafen (DE). **WERNET, Wolfgang**
[DE/DE]; Freiheitstrasse 73, 67434 Neustadt (DE).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: HETEROARYL-SUBSTITUTED 1,3-DIHYDROINDOL-2-ONE DERIVATIVES AND MEDICAMENTS CONTAIN-
ING THEM



(I)

(57) Abstract: The present invention relates to novel 1,3-di-
hydroindol-2-one (oxindole) derivatives of the formula (I) in
which A, R³, R⁴, R⁵, R⁶ and R⁷ are defined according to
claim 1, and to medicaments containing them for the treat-
ment of diseases. In particular, the novel oxindole derivatives
can be used for the control and/or prophylaxis of various va-
sopressin-dependent or oxytocin-dependent diseases.

WO 2005/030755 A1